

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
METHODS OF USE

Inventor: Radford et. Al.
Serial No.: Not Yet Assigned
Docket No.: 1684-5323.1US

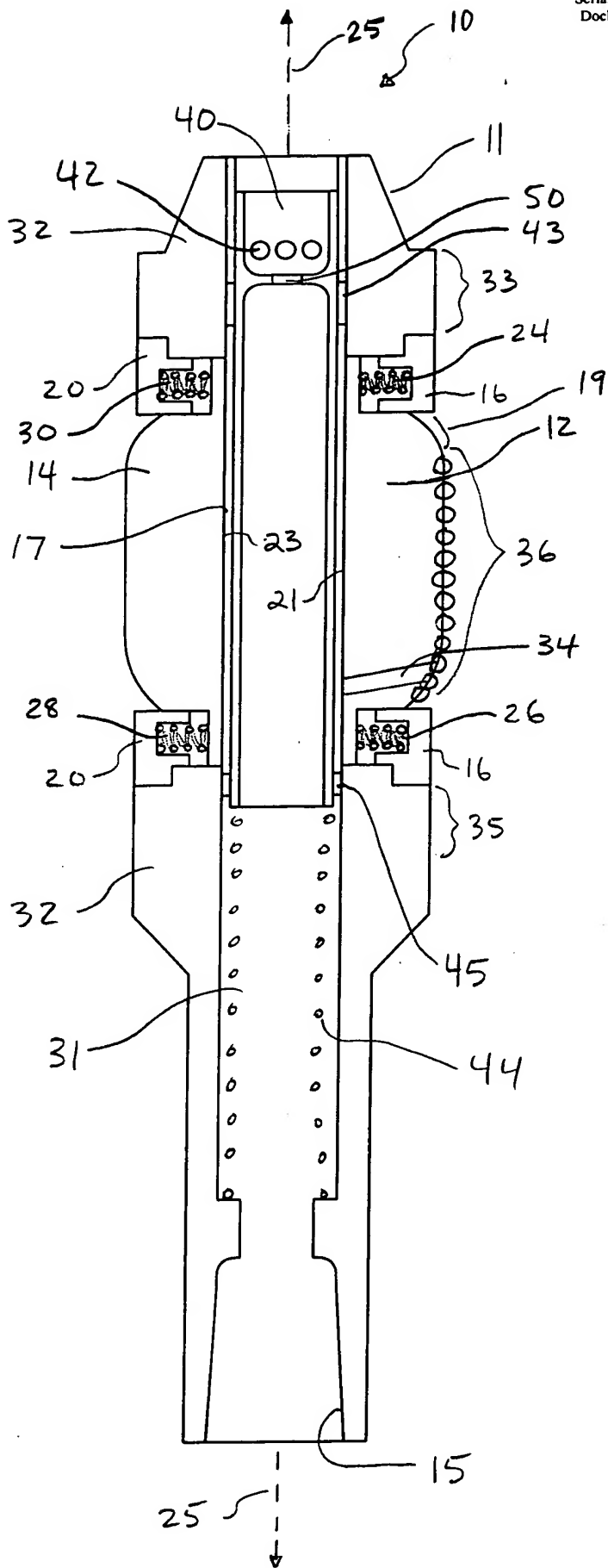


FIG. 1A

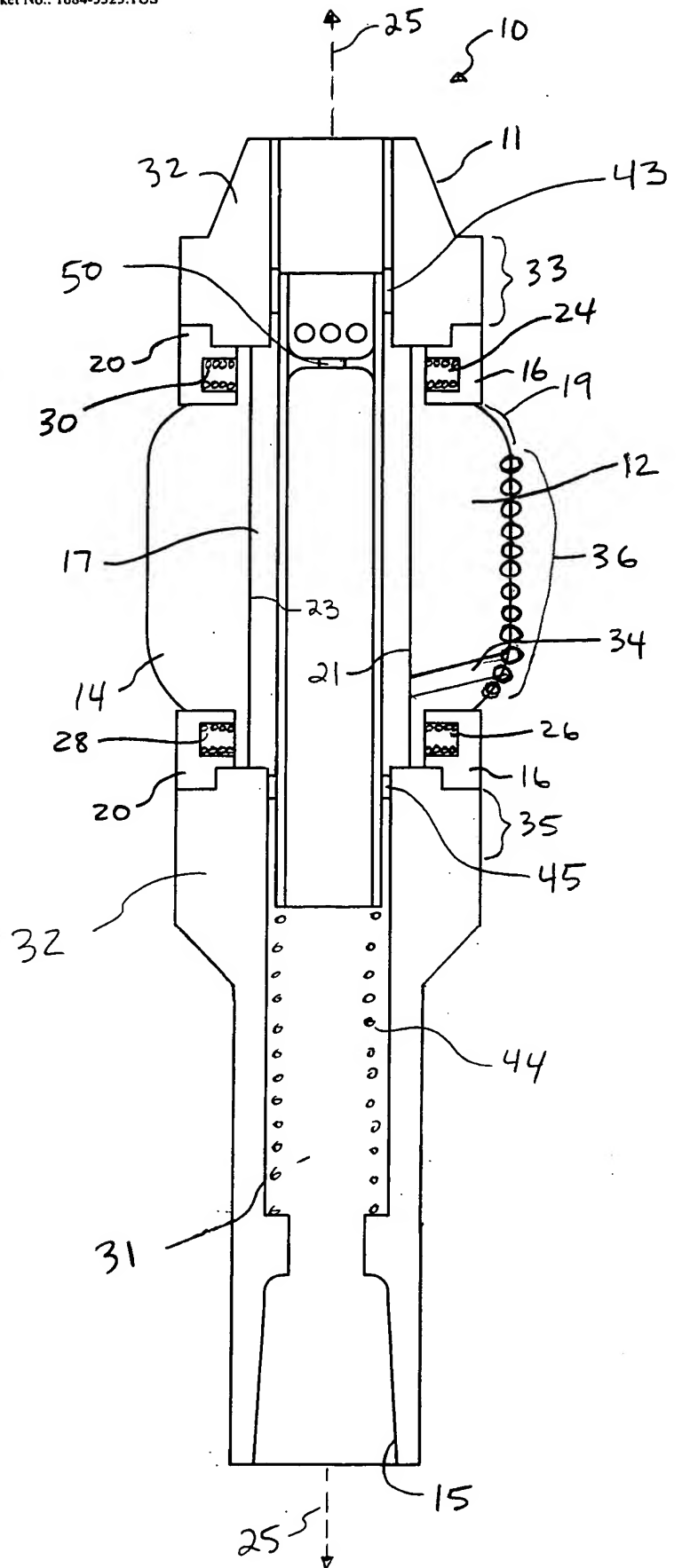


FIG. 1B

TITLE: EXPANDABLE REAMER APPARATUS FOR
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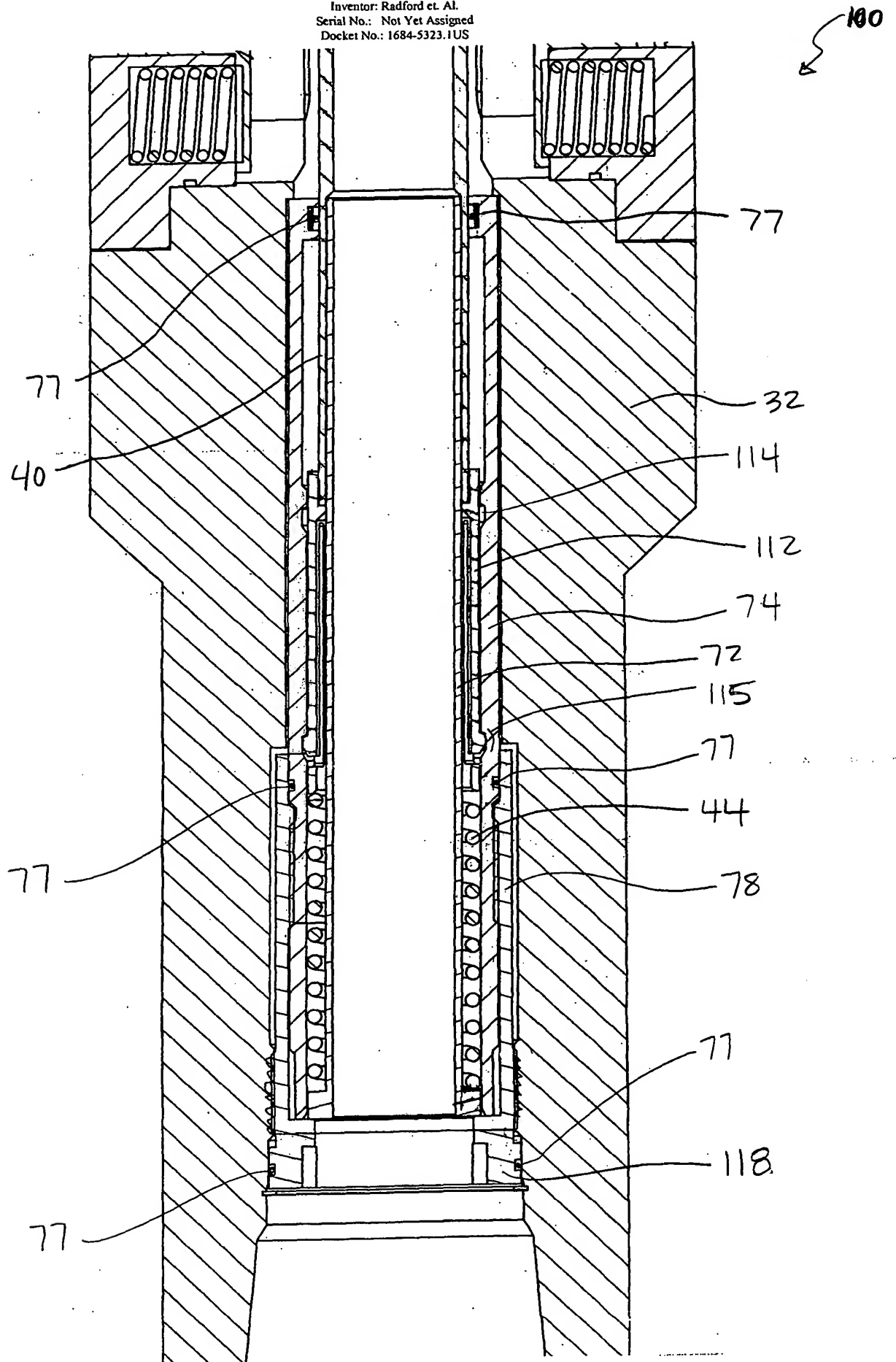
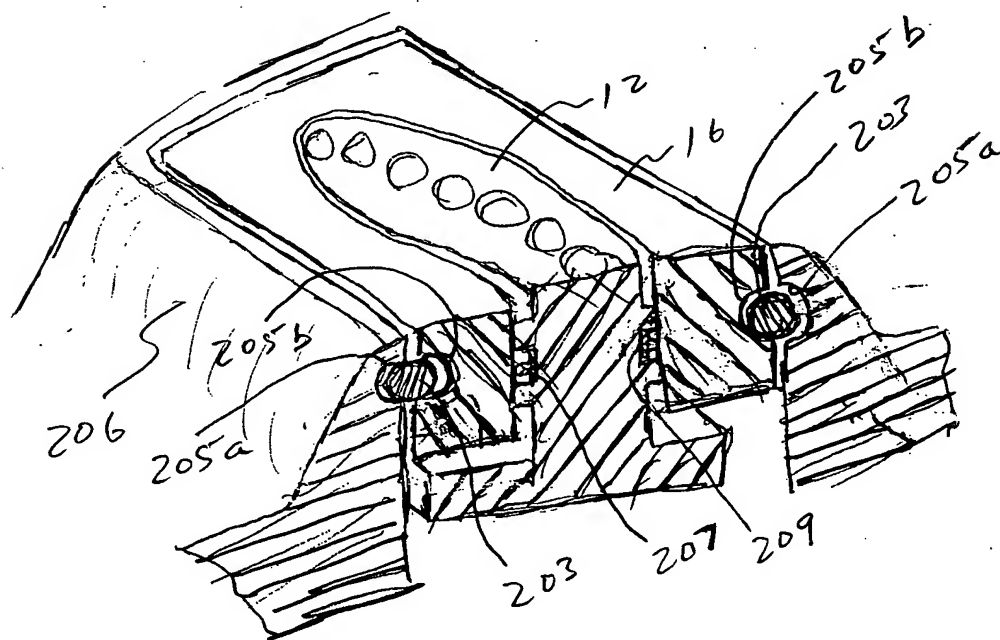


FIG. 1C



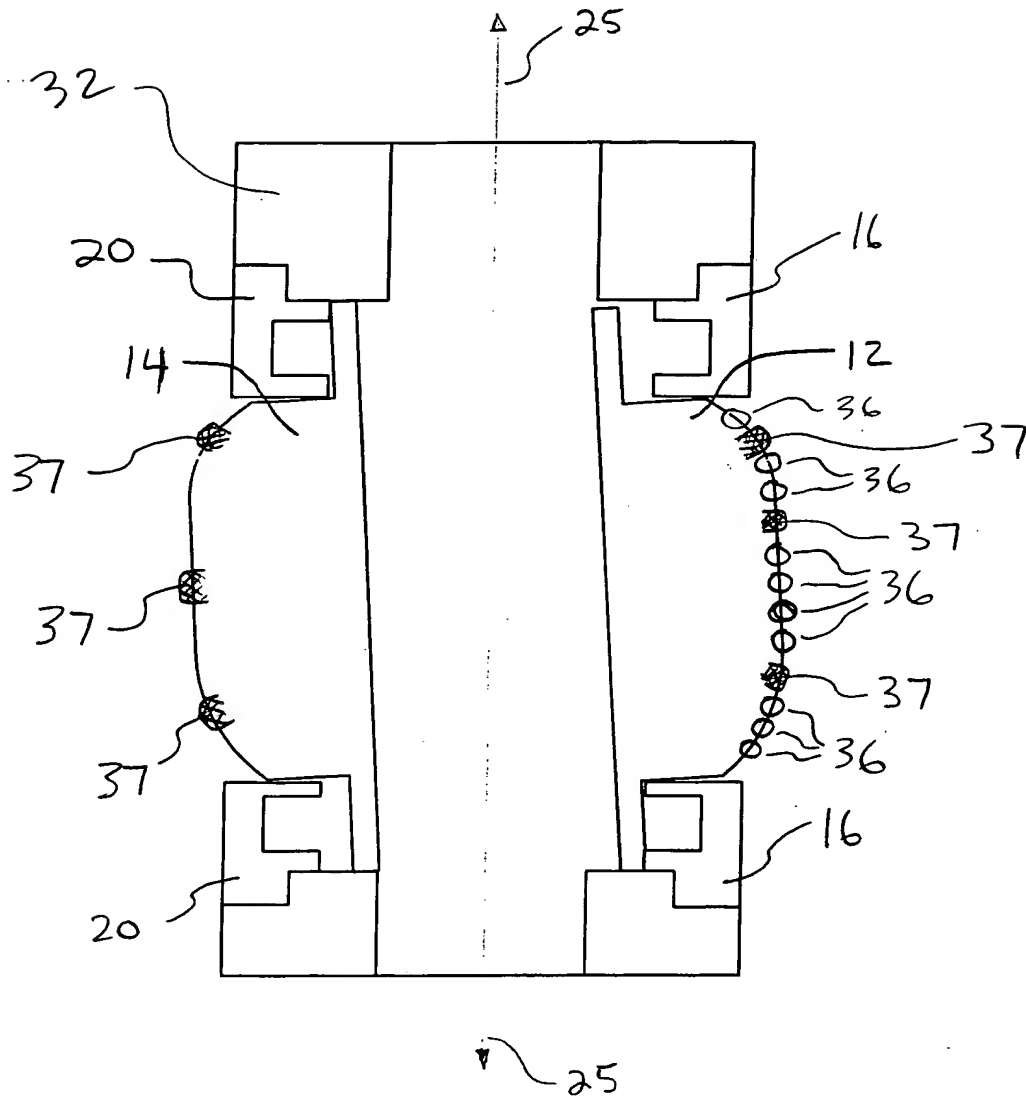
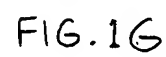
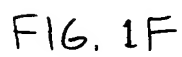


FIG. 1E

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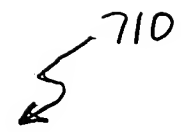


FIG. 1H

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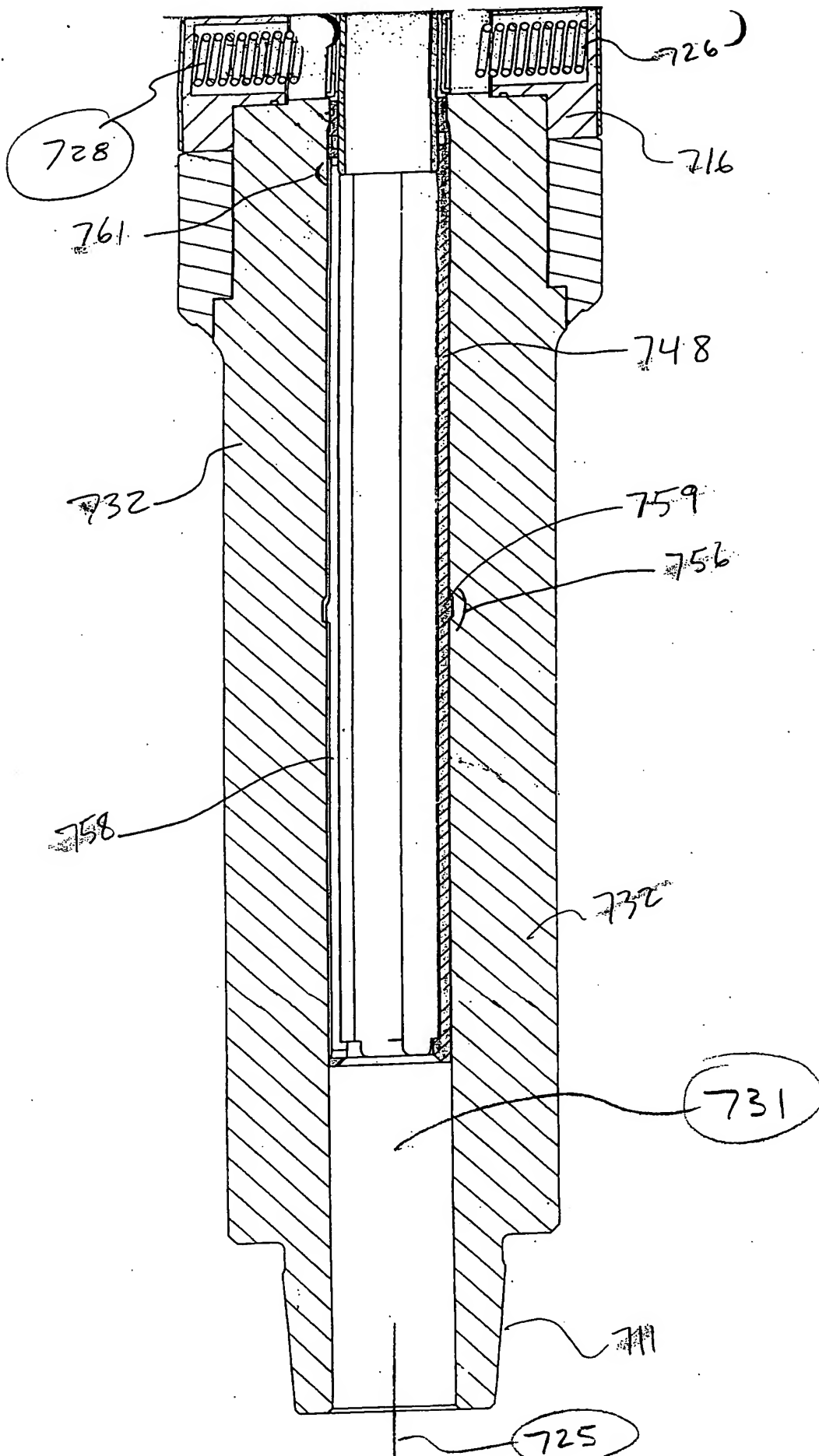


FIG. 1I

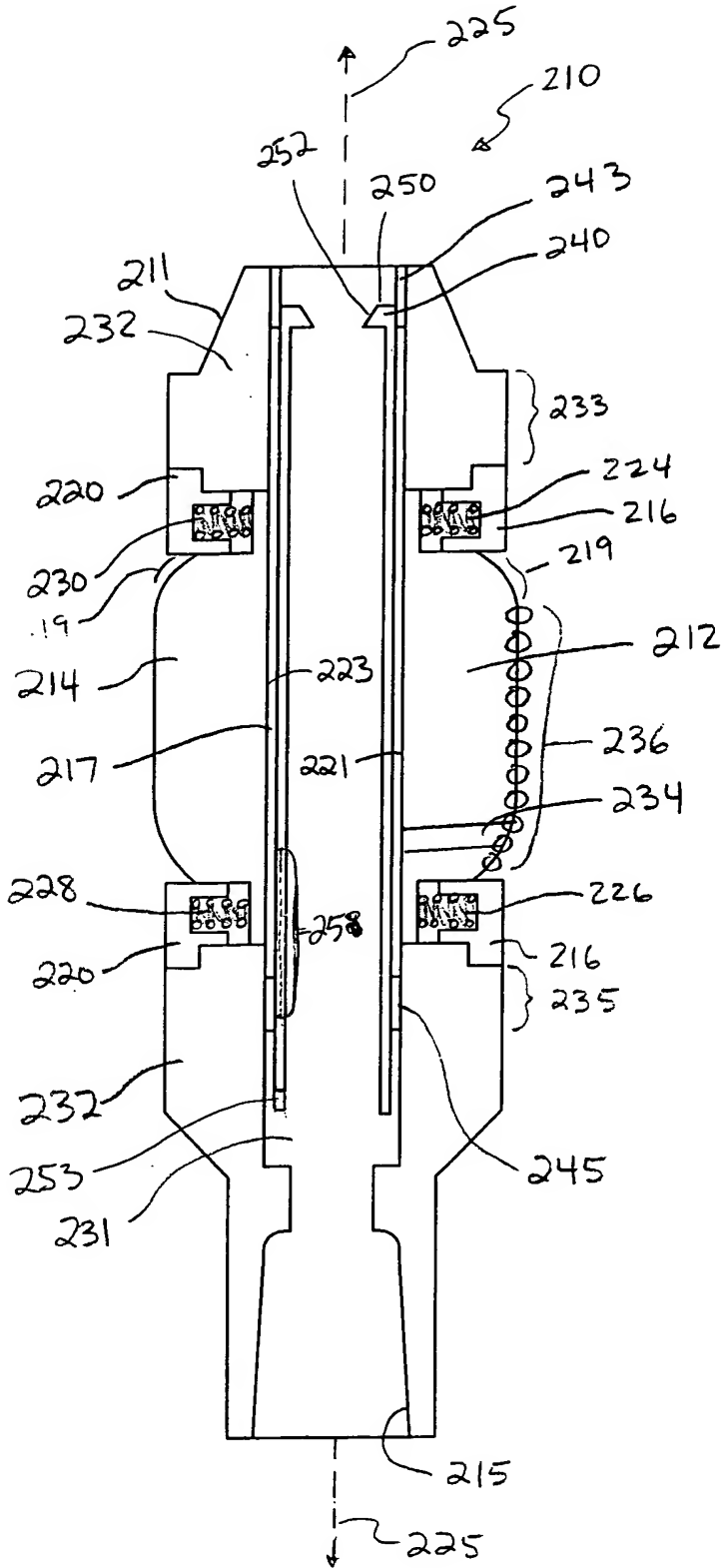


FIG. 2A

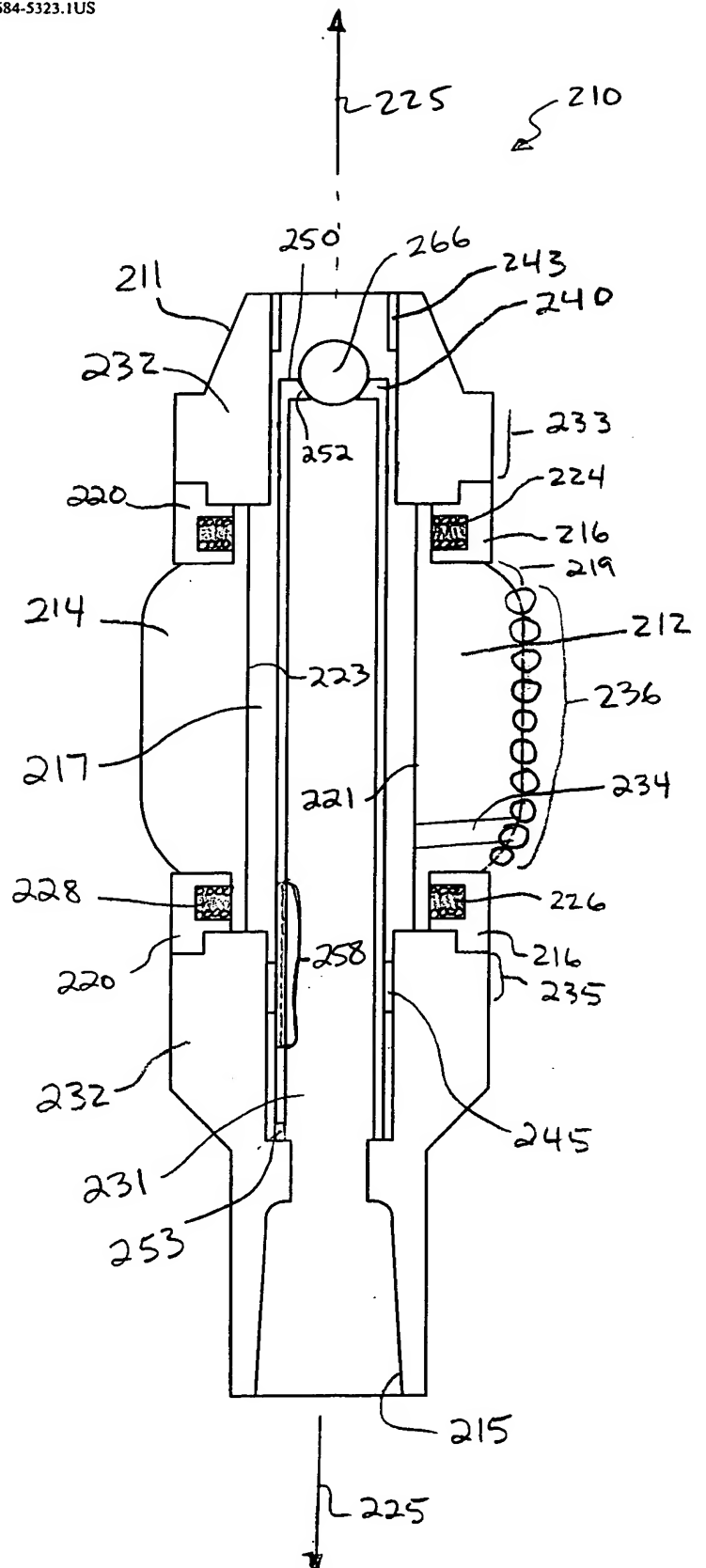


FIG. 2B

TITLE: EXPANDABLE REAMER APPARATUS FOR
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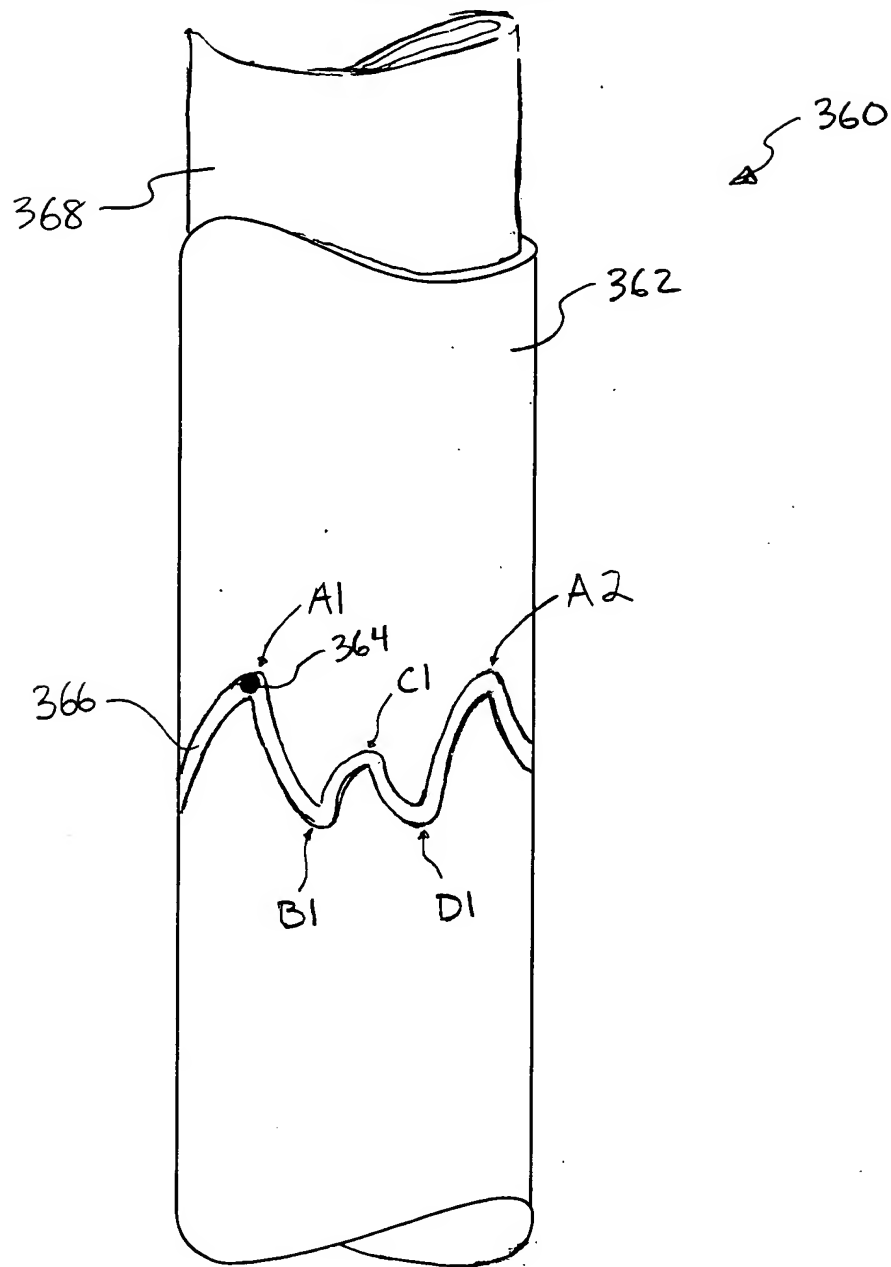
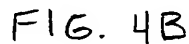
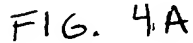


FIG. 3

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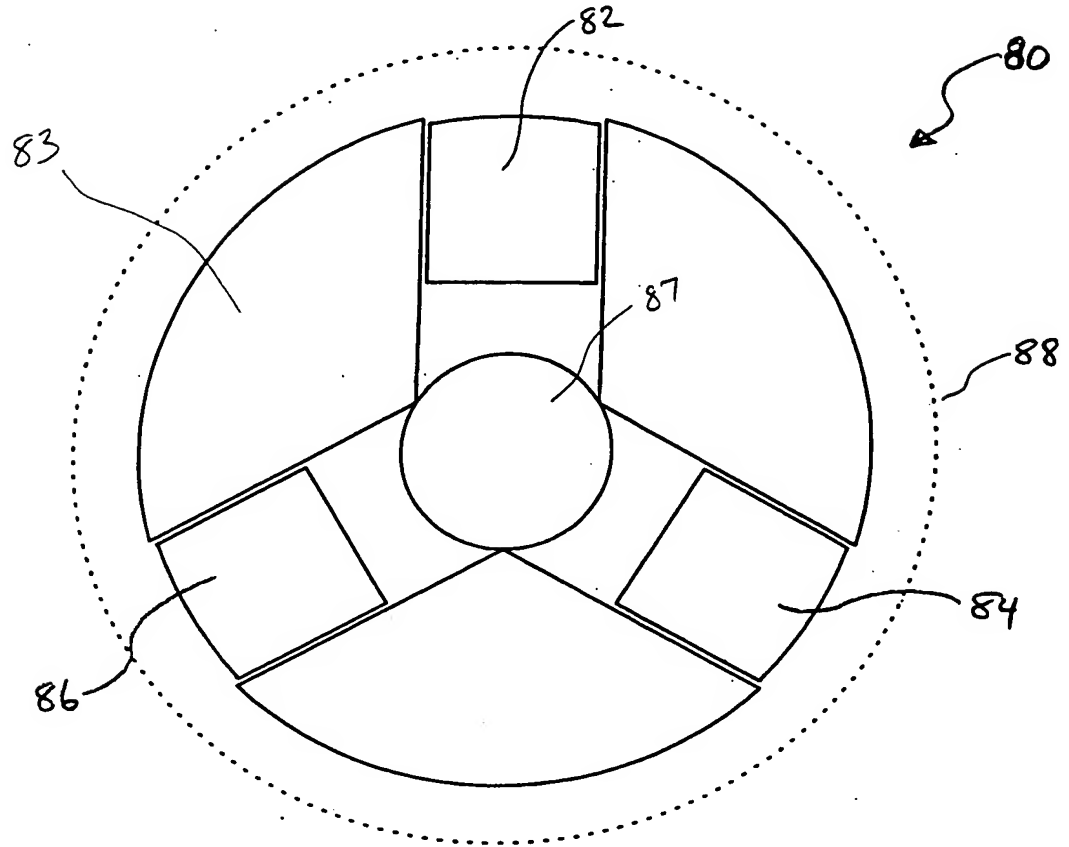


FIG. 5A

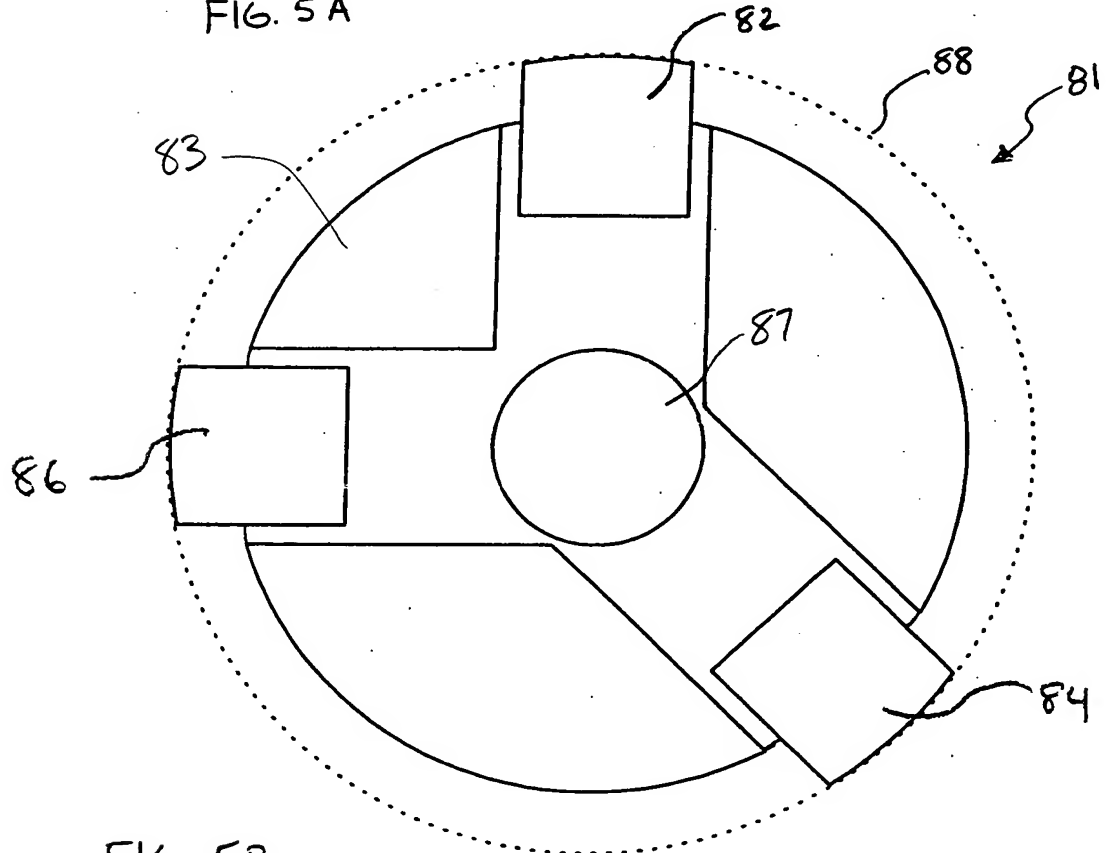


FIG. 5B

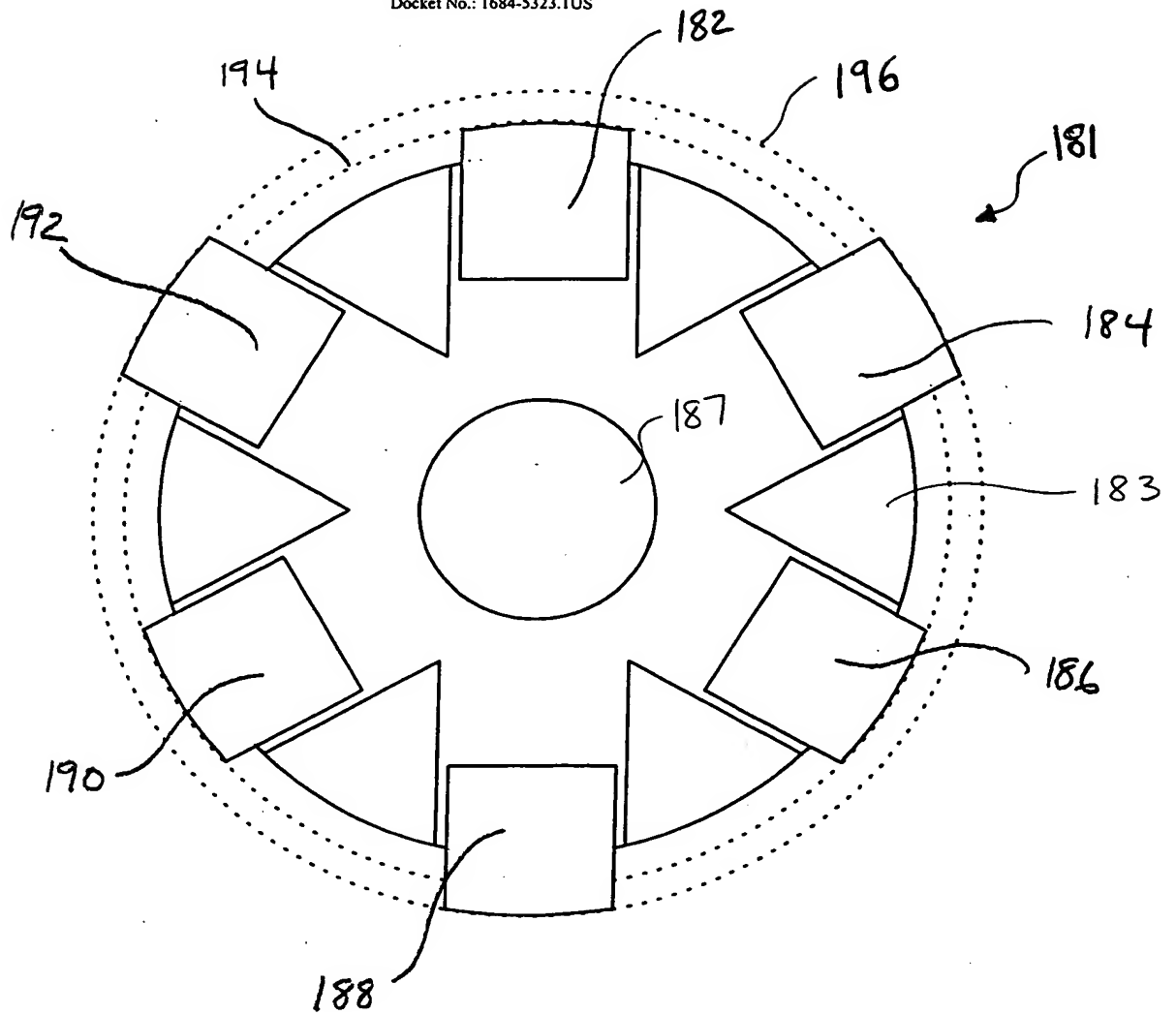


FIG. 5C

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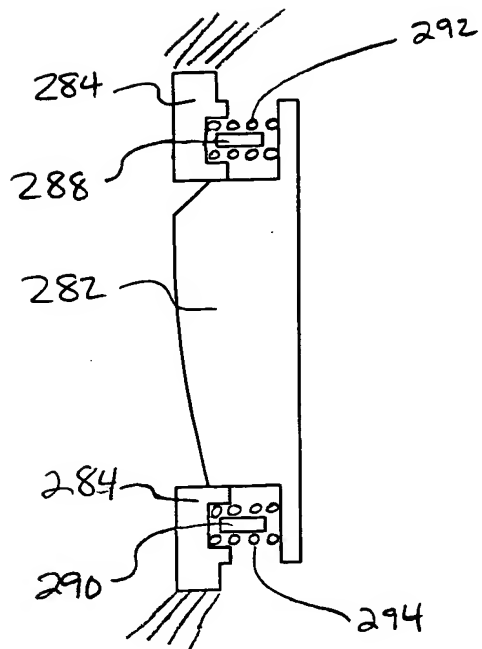


FIG. 6A

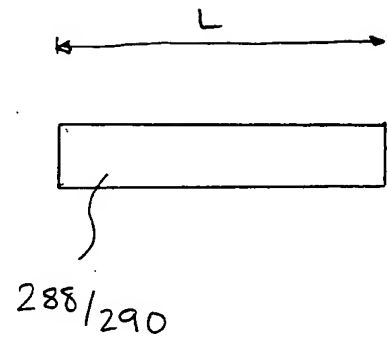


FIG. 6B

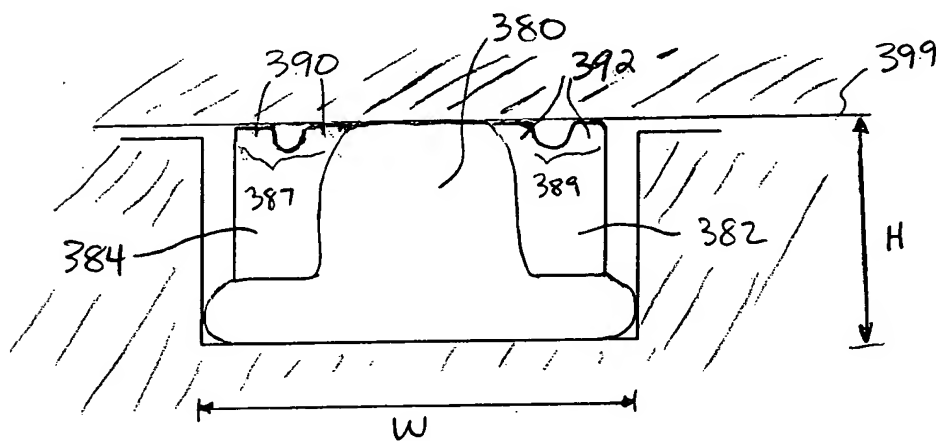
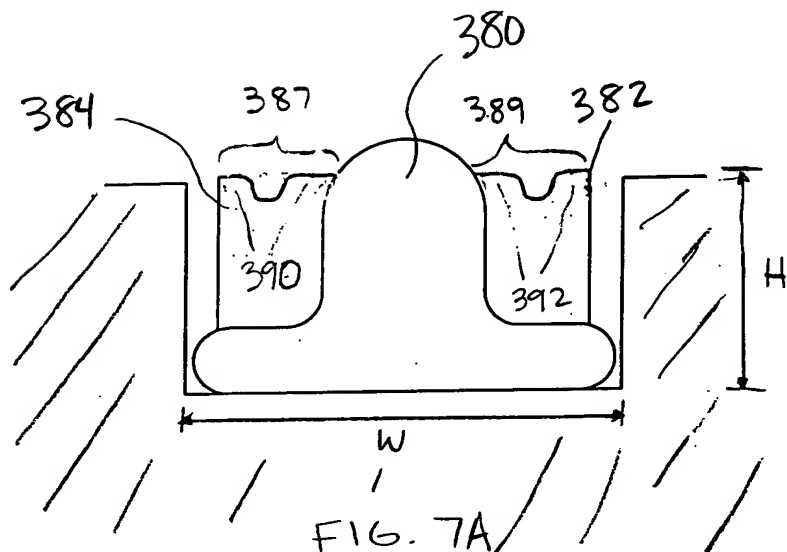


FIG. 7B

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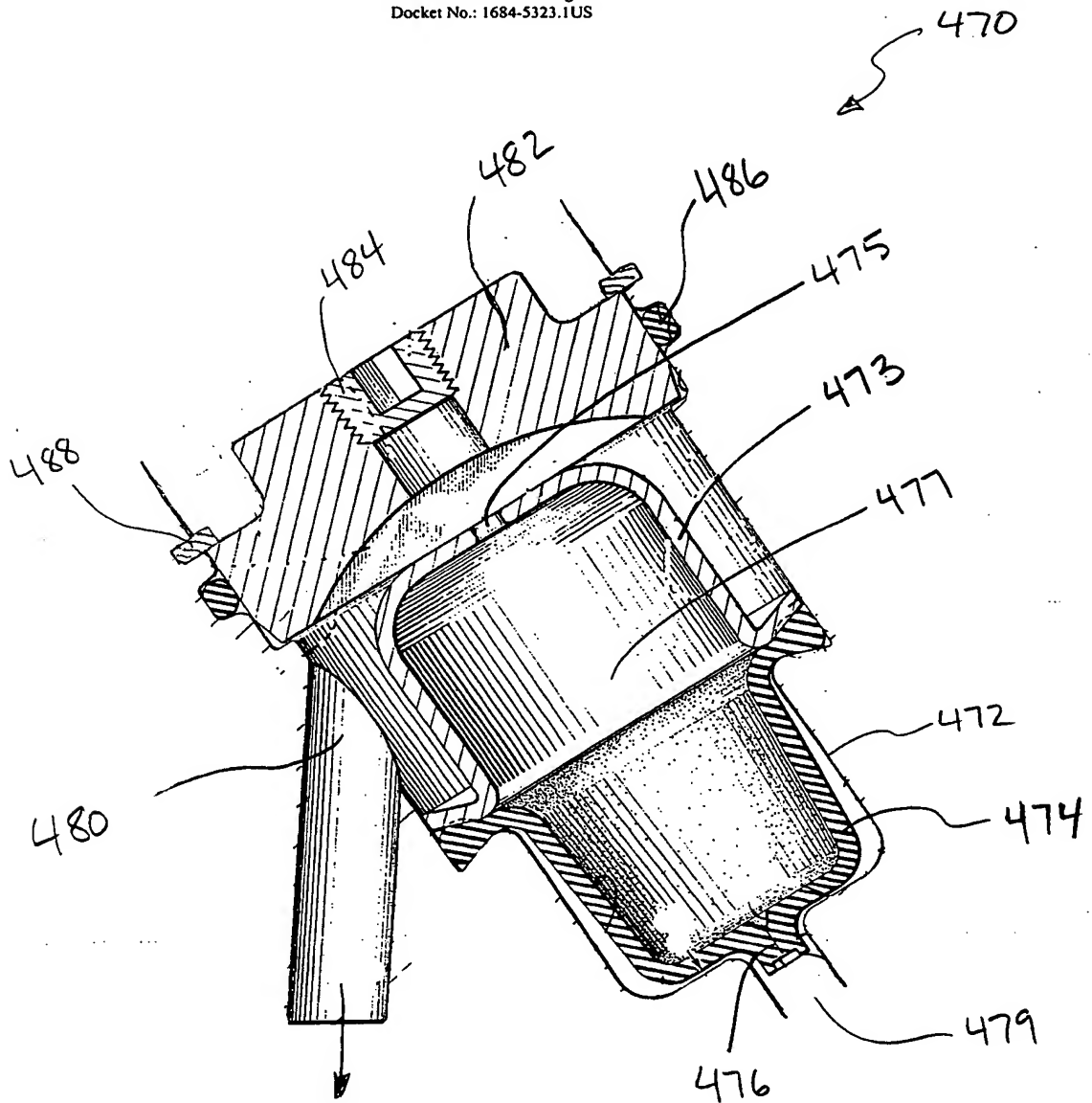
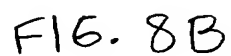


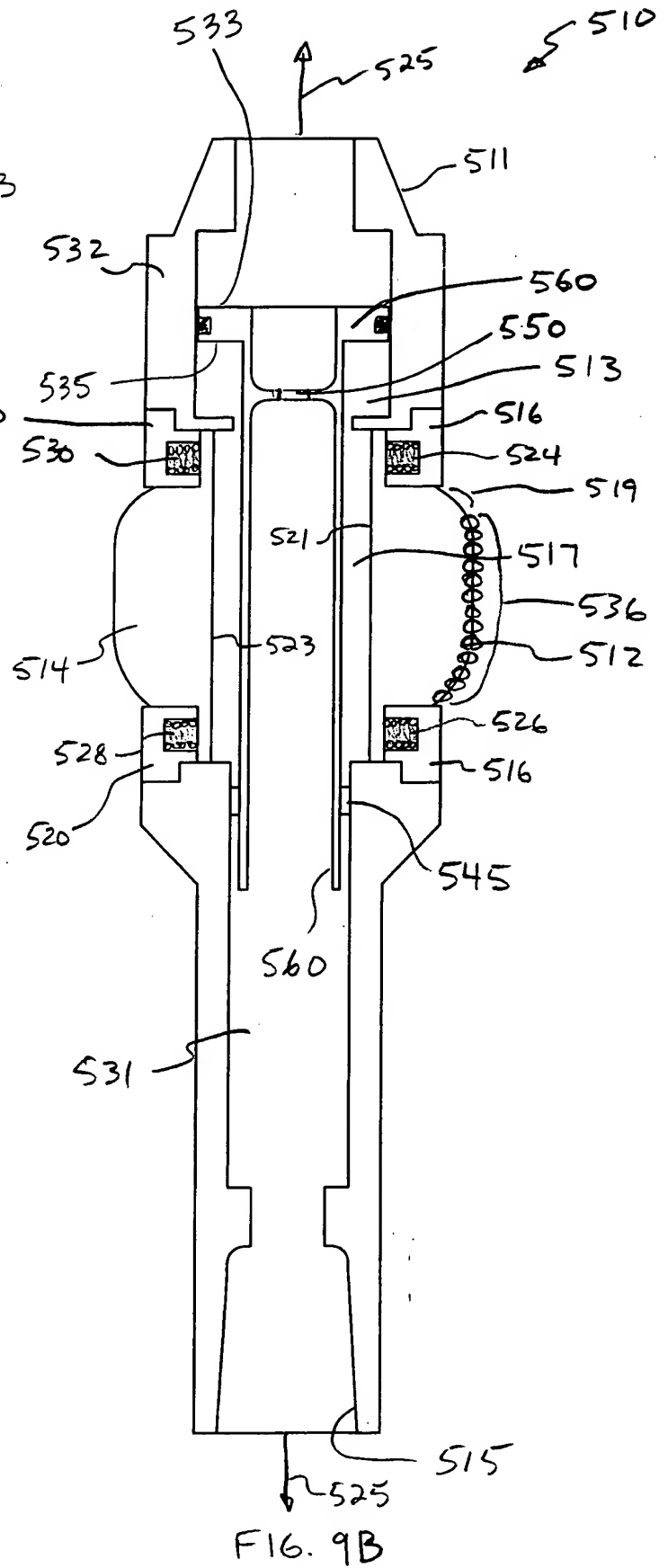
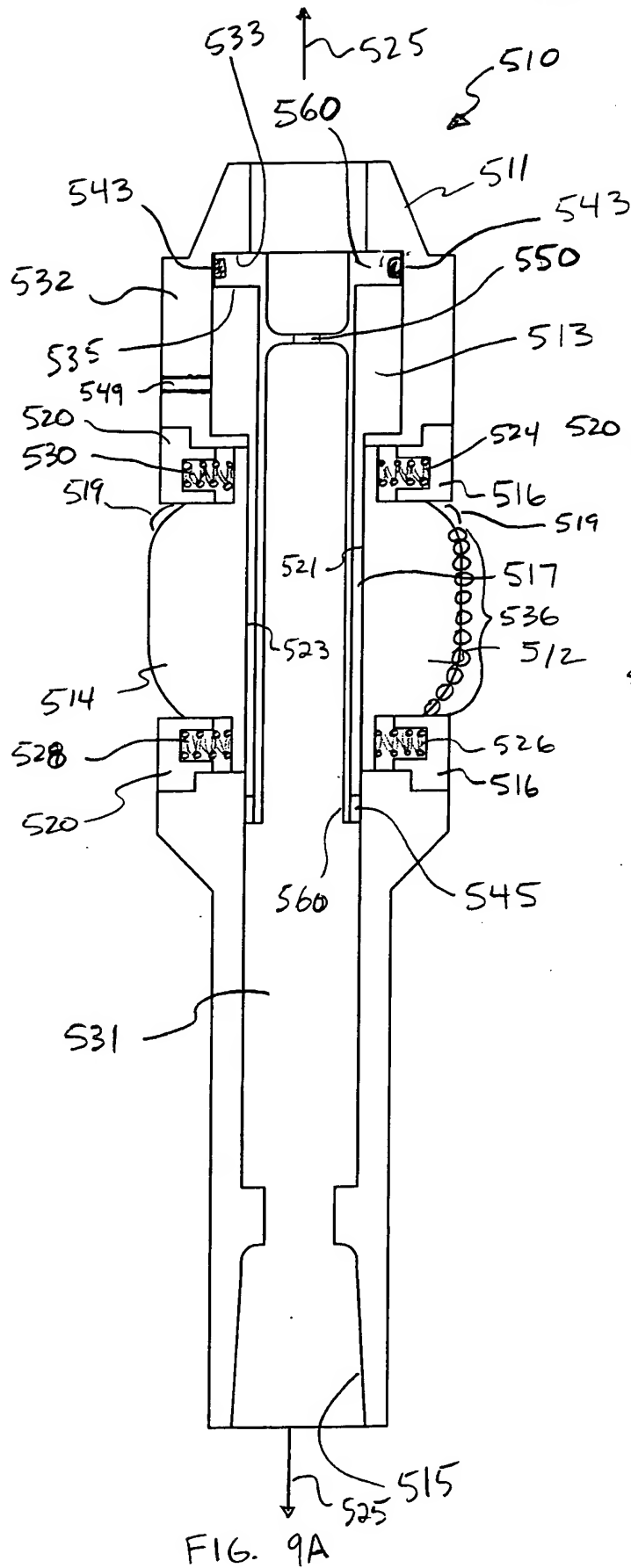
FIG. 8A

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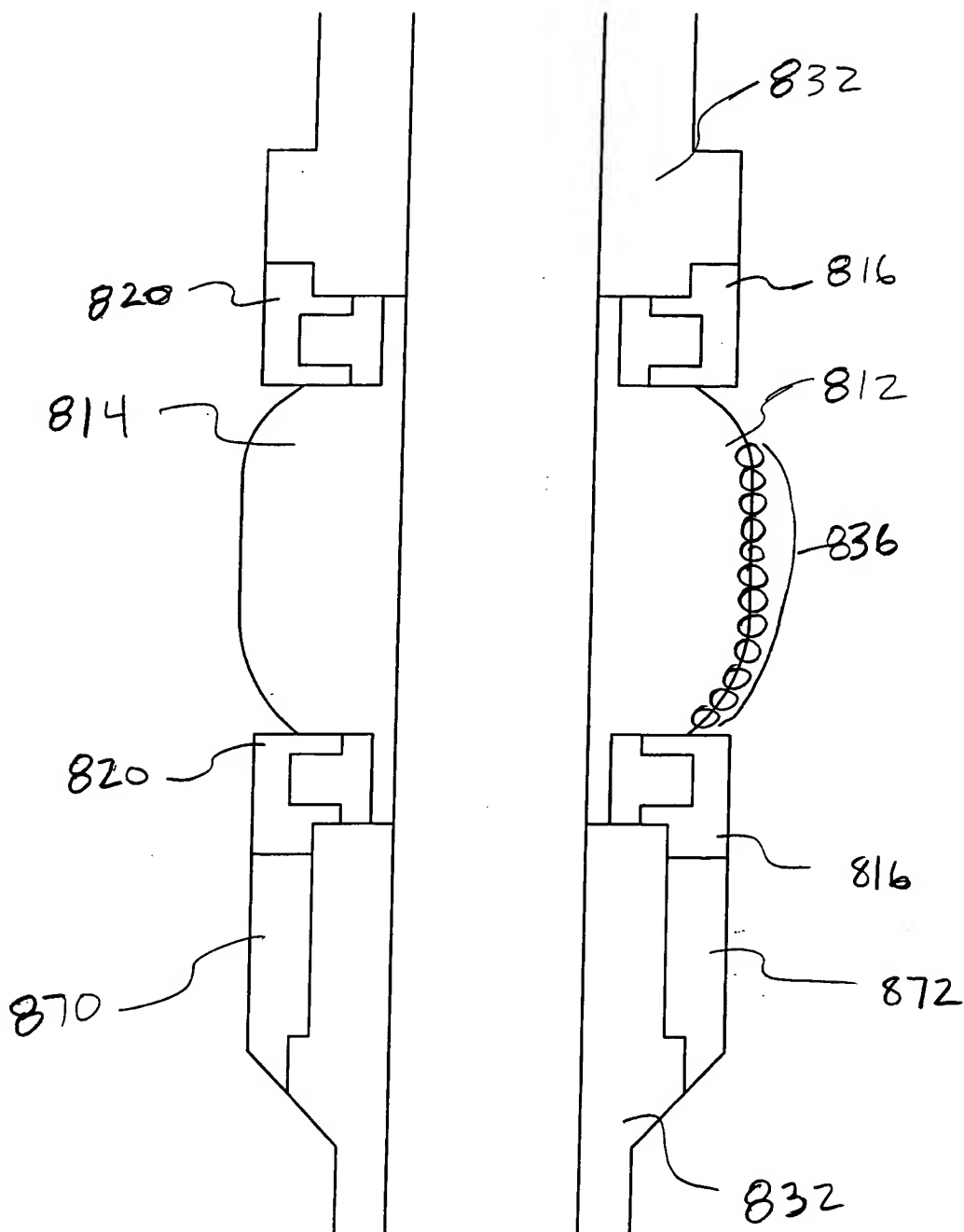


FIG. 10

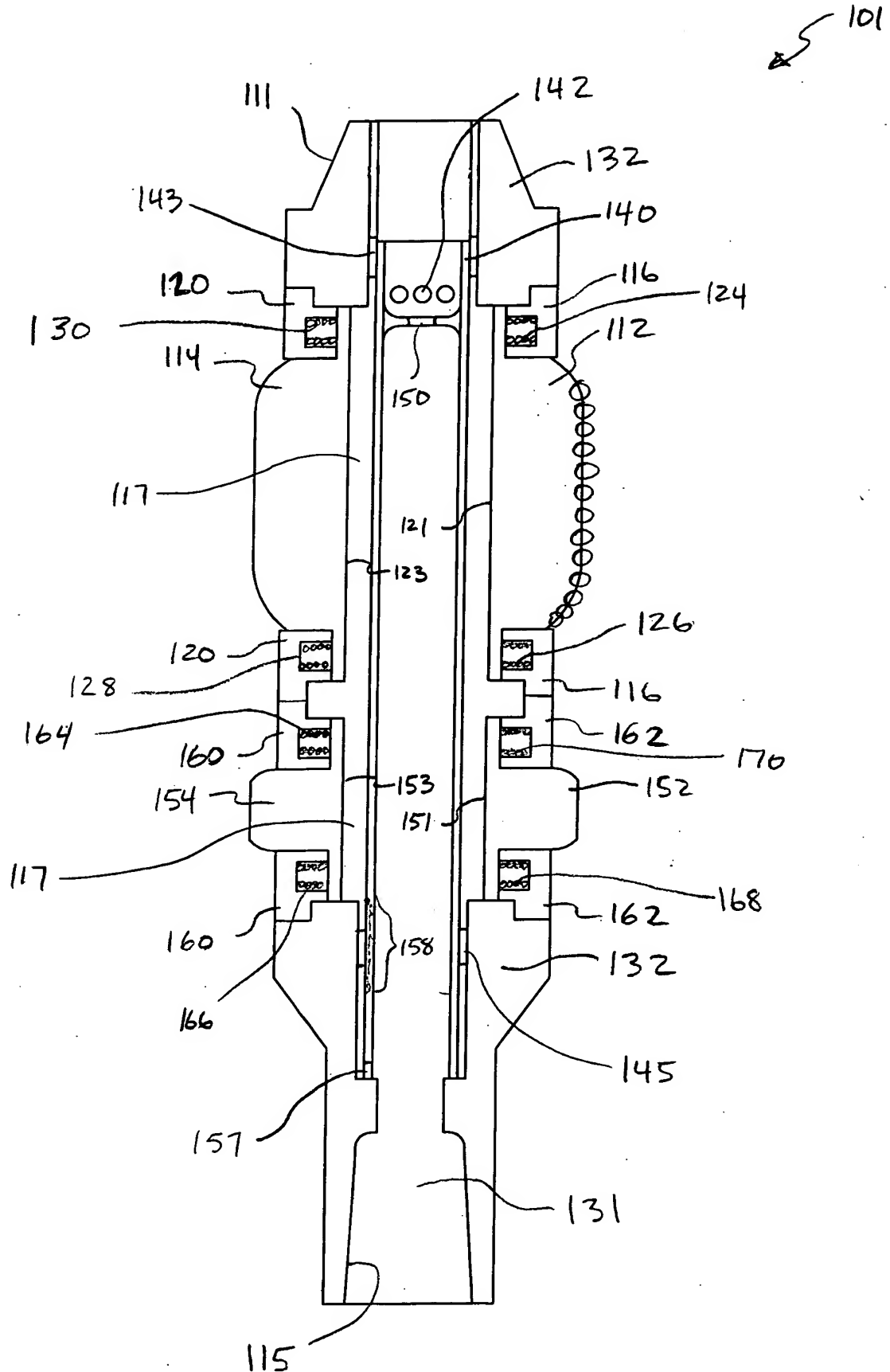


FIG. 11A

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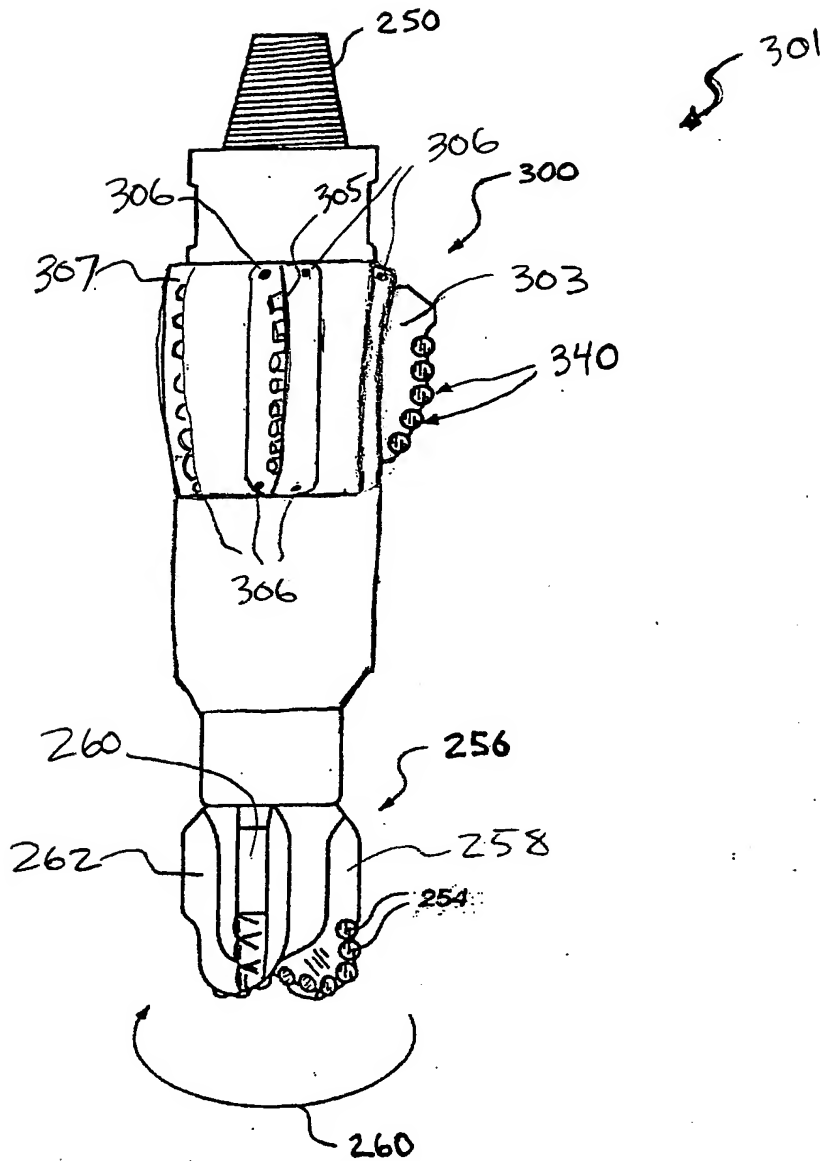


Fig. 11B

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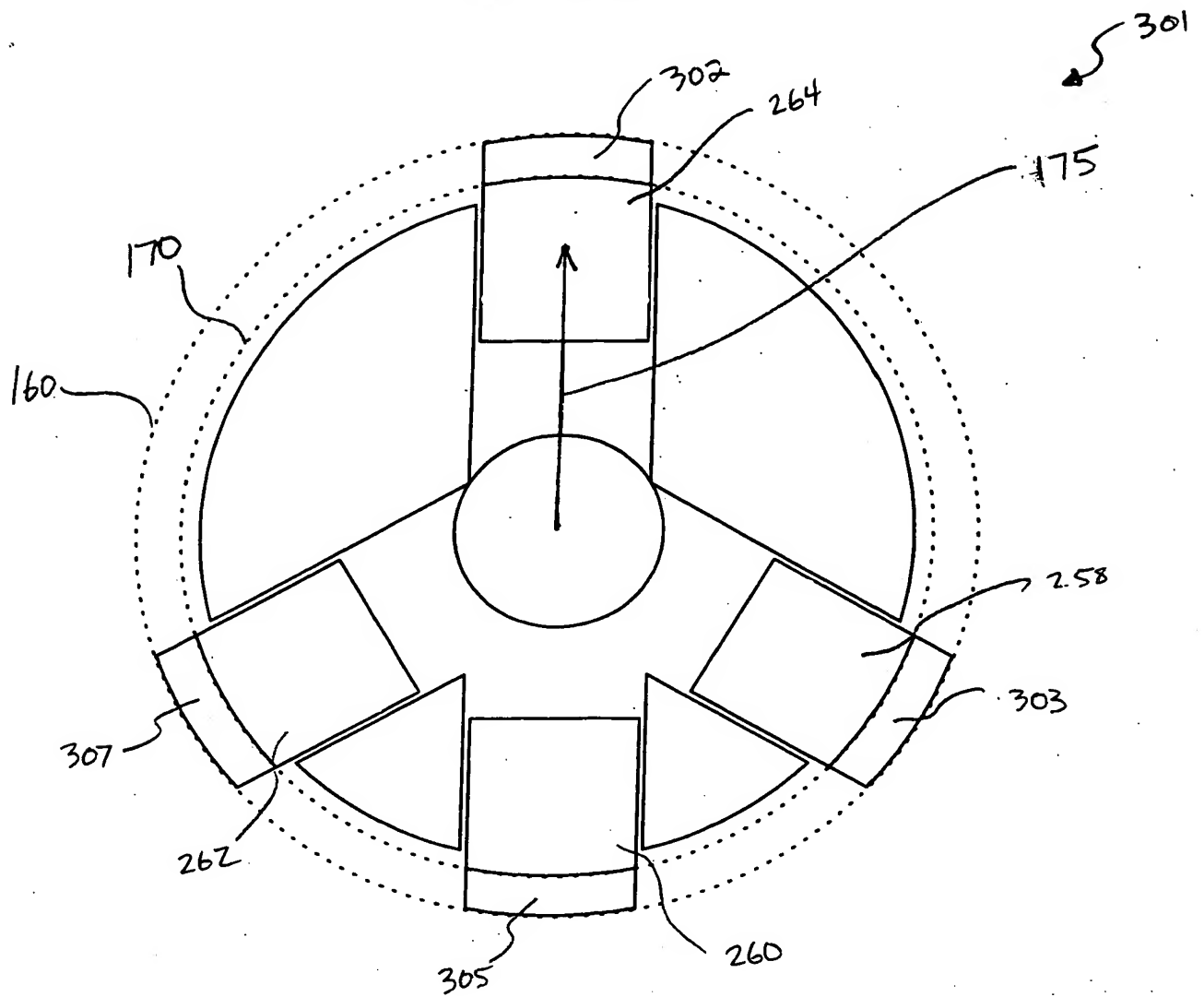


FIG. 11C

DRILLING FLUID
PRESSURE

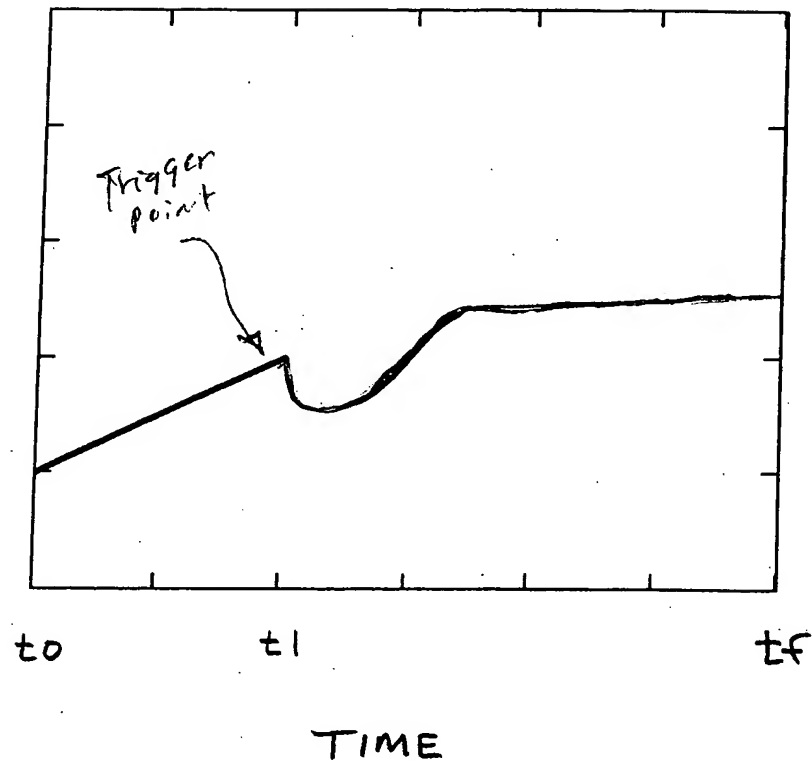


FIG 12

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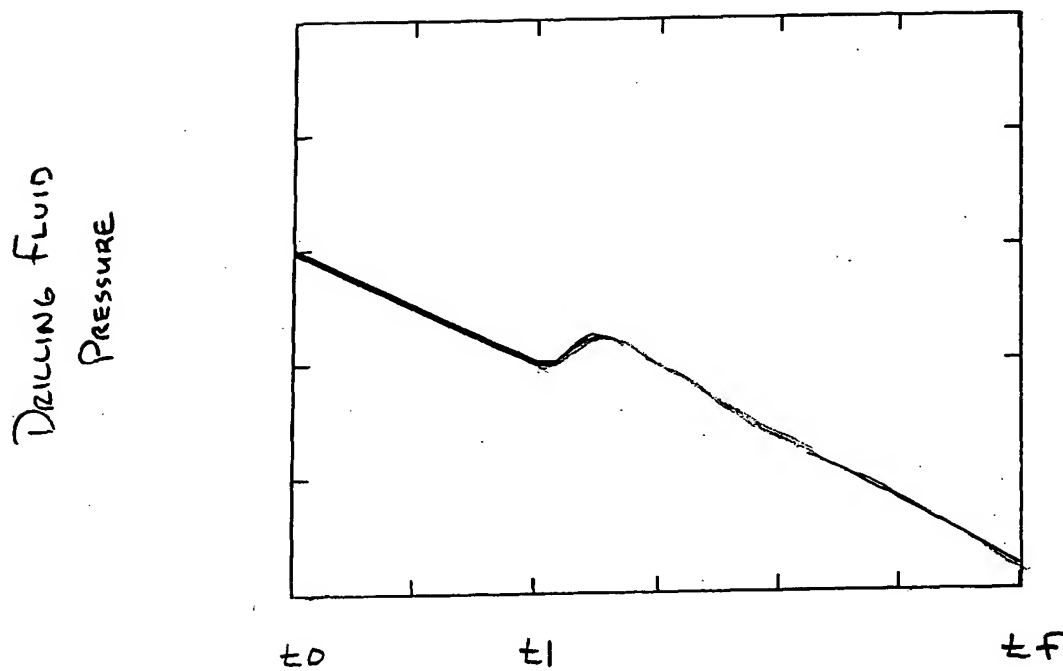


FIG 13

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